

NEWSLETTER

ELECTRICAL ENGINEERING DEPARTMENT
KALANIKETAN POLYTECHNIC COLLEGE, JABALPUR

(An Autonomous Institute declared by Government of Madhya Pradesh)



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FROM PRINCIPAL'S DESK:

It is a great satisfaction to bring out the new Newsletter Edition from Electrical Engineering Department. We are also provide that Department has made remarkable progress in curricular, Extra Curricular & Capacity building relevant to staff, faculty and students. I always say that Newsletter is like a mirror which reflects the picture of all activities undertaken by the Department.



Dr. R. C. Pandey, Principal

I congratulate the faculty and students for their teamwork and dedication in documenting academic achievement and innovation activities. I am confident that such effort will further strengthen industry readiness among our students.

HOD MESSAGE:

We welcome to the new edition of our Newsletter As we enter into new academic semester, filled with hope and dreams of achieving new heights. I congratulate to our faculty members who has fundamental competencies to teach in all the related fields with the help of our state of art Laboratories and dedicated Staff members.



Mrs. A. Pandey, HOD

To keep in touch with latest technologies, the department provides many Expert lectures from industries, seminars and workshops, furthermore students are provided by hand on projects, field visits, Industrial training. After their diploma programme students are highly selected by various industries. Also they proved to be running their start-up. I wish all the students outshine with successful and accomplished career.

VISION:

To develop competent diploma electrical engineers to meet the demand of industry and society.

MISSION:

1. To impart quality education for producing diploma engineers.
2. To provide best practices and opportunities to be a professional.
3. To inculcate ethical values with lifelong learning.

PROGRAMME SPECIFIC OUTCOMES (PSOs):

1. Estimate, install, maintain, test and control of various electrical machines and components in electrical power systems.
2. Select and make use of electrical instrument, equipment and machines used in field.
3. Manage energy efficient appliances and renewable energy sources.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs):

1. To acquire knowledge of basic principles of science and engineering.
2. Use and maintain electrical systems, tools and application in field of electrical and allied engineering industry.
3. Ability to practice ethically, lifelong learning, carrier enhancement, work effectively as an individual and team member.
4. To adopt professional and societal needs with environmental sustainability.

INDEPENDENCE DAY CELEBRATION:

We celebrated "79th Independence Day" at our college. Dr. R. C. Pandey, Principal hoisted our national flag. Staff and students of first year Abhay Raj Jha and Mohd, Kaif Mansoori gave their speeches on this occasion.



ORIENTATION PROGRAMME:

First year orientation programme organised on 28.08.2025. This was introductory program designed to help incoming students transition to college life. It consists of academic advise, course registration, campus life, resource fairs etc.



COLLEGE LEVEL SPORTS COMPETITION:

College level sports competition was organized to tribute "Major Dhyanchand" from 03.09.2025 to 05.09.2025. In which Devesh Gohe student secured 1st position in "Sports Quiz" and also in Volleyball Electrical Engg. Department team secured 1st position.

EXPERT LECTURE BY ALUMNI:

- Expert Lecture by Ashish Mani Tiwari Sr. Engineer, (Solar O&M) Alumni of Electrical Engg. Department delivered on “**Solar Power Plant Installation, Operation & Maintenance**” on 26.08.2025. This help the student to know Solar power plant which consist of core phases : Installation i.e. building and setting up system, operation i.e. daily performance monitoring and energy conservation and maintenance means regular cleaning and repair etc at solar power plant.
- Expert Lecture by Ashutosh Mishra (Safety Manger) Thermax Limited Noida (U.P.) was conducted on topic “**Industrial Safety**” on 26.08.2025.



- Expert Lecture on “**Cracking Campus Placements : Strategies, Resources and Real Life Experience**” given by alumni Shri Aniket Singh, Shri Lavkush Gupta, Shri Nitin Kumar Tiwari on 28.10.2025 which was coordinated by Shri M. A. Khan, Shri R. K. Taksande and Shri Hemant Raj Maravi.

EXPERT LECTURES:

- Expert Lecture on “**Deep Tech and Engineering Excellence : Driving India’s Techade**” given by Smt. Suchita Mudgil, Lecturer, Information Technology on 15.09.2025 which was coordinated by Shri R. K. Taksande, Shri M. A. Khan and Shri Hemant Raj Maravi. This inform the students that India’s “Techade” is the government’s vision for the current decade, transforming the nation from an IT software-services consumer into global leader in technology design and production. It focused on build deep tech capabilities, driving the digital economy and solving global challenges.



- Expert Lecture on “**Energy Conservation and Audit**” held on 03.11.2025 by Shri R. K. Khare General Manager Regulatory, M.P.P.M.C.L., Jabalpur.



POSTER COMPETITION:

Students of Electrical Engineering Department participated in Poster Making Competition on the Occasion of Engineers Day on 18.09.2025 on theme “**Deep Tech and Engineering Excellence : Driving India’s Techade**” to motivate students to practice it. In which Sahil Kori secured 1st position, Divyani Singrore secured 2nd position and Tanisha Rajput secured 3rd position.

SEVA PAKHWADA ABHIYAN:

Under Seva Pakhwada Abhiyan College level Programmes were organized. Students of Electrical Engg. participated.

- In which Painting Competition held on Topic “**Vikshit Bharat**” on 19.09.2025 and Divyani Singrore and Muskan Gond secured 1st position, Vijay Kushwaha secured 2nd position, Sahil Kori and Tanisha Rajput secured 3rd position.
- Debate Competition held on Topic “**Vikshit Bharat**” on 23.09.2025 and Bhumika Rathore secured 1st position, Sahil Ekka secured 2nd position, and Akash Wankhede secured 3rd position.
- Essay Writing Competition held on Topic “**Vikshit Bharat**” on 26.09.2025 and Pravesh Kumar Sharma secured 1st position, Sahil Kori secured 2nd position, and Deepak Patel secured 3rd position.

SPEECH COMPETITION:

Speech competition is an art of public speaking that improves confidence, written and oral communication skills and critical thinking skills. It enhance participant to create a connection with audience. Keeping in mind we have organized speech competition on “**Future Scope of Electrical Engineering**” on 18.09.2025. In which Anudeep Shrivastav secured 1st position, Rajan Dwivedi s secured 2nd position, and Suman Kushwaha secured 3rd position.

DEBATE COMPETITION:

Students of Electrical Engineering Department participated in Debate Competition on 18.09.2025 on theme “**Mobile Phones - Boon or Curse**” to motivate students to practice it. Which create awareness regarding disadvantages of using Mobile Phone irresponsibly.

INDUSTRIAL VISIT:

One day technical visit to “**220/132 KV Substation, MPPTCL, Nayagaon, Jabalpur**” is organized by our department on 16.10.2025. Students find the opportunity to interact with field Experts, Study substation layout and working of various equipments. Shri R. K. Taksande and Shri Hemant Raj Maravi accompanied students. Duty Engineers explained working of substation.



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